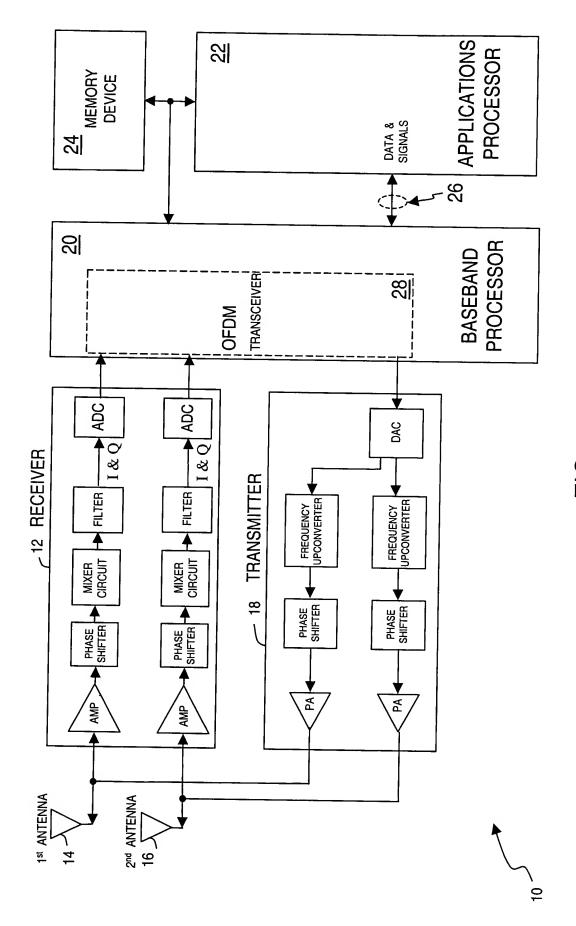
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1st Named Inventor: Valentine J. Rhodes
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ž ≱≍ REMOVE CYCLIC **PREFIX** CYCLIC PREFIX ADD 닖 田田 8 REMOVAL OFDM TRANSCEIVER PILOT INSERTION PILOT SUBCARRIER SKIP INFORMATION KNOWLEDGE CARRIER DEPUNCTURE CHANNEL CARRIER PUNCTURE 240 220 DEMODULATE **→**|MODULATION INTERLEAVE **→**INTERLEAVE 出 DEPUNCTURE Rx FEC DECODE & **ENCODE & PUNCTURE** Tx FEC SCRAMBLE SCRAMBLE 210, 230 Ė OUTPUT INPUT DATA

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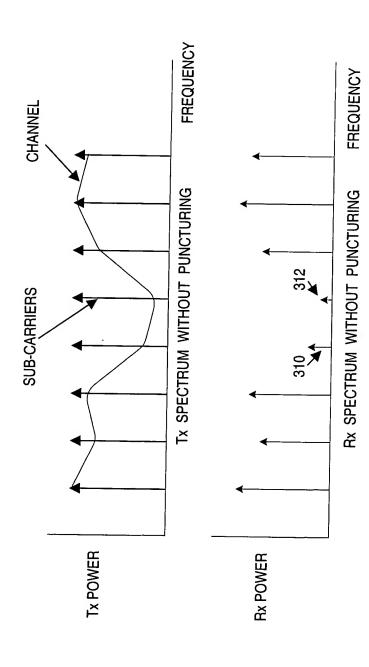


FIG. 3

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FREQUENCY FREQUENCY CHANNEL RX SPECTRUM WITH NULL PUNCTURING Tx SPECTRUM WITH NULL PUNCTURING SUB-CARRIERS Tx POWER **Rx POWER**

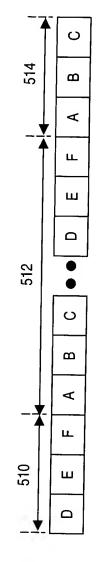


FIG. 4

FIG. 5